



## Department of Energy

### Ohio Field Office Fernald Area Office

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MAY 22 2000

Mr. James A. Saric, Remedial Project Manager  
U.S. Environmental Protection Agency  
Region V-SRF-5J  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

DOE-0695-00

Mr. Tom Schneider, Project Manager  
Ohio Environmental Protection Agency  
401 East 5<sup>th</sup> Street  
Dayton, Ohio 45402-2911

Dear Mr. Saric and Mr. Schneider:

#### **TRANSMITTAL OF THE REVISED ON-SITE DISPOSAL FACILITY SUPPORT PLANS, DESIGN CRITERIA PACKAGE, AND CALCULATION SECTIONS**

Enclosed for your review and approval are the following On-Site Disposal Facility (OSDF) revised documents:

1. Support Plans (revisions as noted):
  - Borrow Area Management and Restoration (BAMR) Plan, Revision 1D, May 2000
  - Surface Water Management and Erosion Control (SWMEC) Plan, Revision 1D, May 2000
  - Impacted Materials Placement Plan (IMPP), Revision 2C, May 2000
  - Construction Quality Assurance (CQA) Plan, Revision 1D, May 2000
2. OSDF Calculation Sections, Revision 1A, May 2000:
  - Calculation Package, Volume 5 of 5, Section 12.3, Surface-Water Management System Design – Cell 1 Final Cover System and Cell 4 Liner System
  - Calculation Package, Volume 5 of 5, Section 15.6, Surface-Water Management During Development
  - Calculation Package, Volume 5 of 5, Section 15.7, Borrow Area Development Subarea Volume Verification
  - Calculation Package, Volume 5 of 5, Section 15.8, Borrow Area Stockpile Area Capacity Calculation

Mr. James A. Saric  
Mr. Tom Schneider

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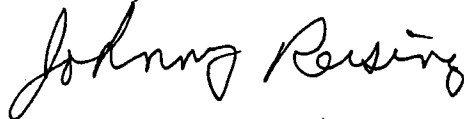
3. Design Criteria Package (DCP), Revision 1C, May 2000

These documents have been revised to incorporate Lessons Learned and Design Change Notices (DCN) from work performed to date. In addition, the revised BAMR Plan and revised BAMR Calculation Sections incorporate the final Borrow Area Strategy Report (BASR). The surface water management calculations are added for OSDF development during and after Cell 1 cap and Cell 4 liner construction. The CQA Plan has also been revised to incorporate the monitoring requirements listed in the Technical Specifications, the Addendum to Test Pad Program, and to add Electrical Leak Detection Testing of the High Density Polyethylene (HDPE) primary liner and HDPE cap.

The IMPP, CQA Plan, and DCP have been revised and are presented in redline/strikeout format. The remaining documents have been extensively revised and are presented in standard text format.

If you have any questions or need further information, please contact Jay Jalovec at (513) 648-3122, or Robert Janke at (513) 648-3124.

Sincerely,



Johnny W. Reising  
Fernald Remedial Action  
Project Manager

FEMP:Jalovec

Enclosures

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Mr. James A. Saric  
Mr. Tom Schneider

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cc w/enclosures:

R. J. Janke, OH/FEMP  
J. Jalovec, OH/FEMP  
G. Jablonowski, USEPA-V, SRF-5J  
T. Schneider, OEPA-Dayton (three copies of enclosure)  
F. Bell, ATSDR  
M. Schupe, HSI GeoTrans  
R. Vandegrift, ODH  
F. Hodge, Tetra Tech  
AR Coordinator, Fluor Fernald, Inc./78

cc w/o enclosures:

N. Hallein, EM-31/CLOV  
D. Pfister, OH/FEMP  
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K. Badu-Tweneboah, GeoSyntec/38  
D. Carr, Fluor Fernald, Inc./2  
M. Cherry, Fluor Fernald, Inc./52-2  
J. Chiou, Fluor Fernald, Inc./52-0  
T. Hagen, Fluor Fernald, Inc./65-2  
J. Harmon, Fluor Fernald, Inc./90  
S. Hinnefeld, Fluor Fernald, Inc./31  
M. Jewett, Fluor Fernald, Inc./52-2  
U. Kumthekar, Fluor Fernald, Inc./65  
T. Walsh, Fluor Fernald, Inc./65-2  
S. H. Wolinsky, Fluor Fernald, Inc./64  
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ECDC, Fluor Fernald, Inc./52-7